

Vaisala Road Weather Solutions

/ INTELLIGENT ROAD WEATHER INFORMATION SYSTEMS



INTELLIGENT | FLEXIBLE | RELIABLE

VAISALA

Vaisala Road Weather Station RWS200

Road weather information is the key to successful decision making. RWS200 is intelligently designed, with sophisticated algorithms and smart power management, because reliability is what matters. Deploy only what you need to do the job, all without sacrificing accuracy.

Complete Solution Vaisala sensors, mainly atmospheric, are sold around the world for many different applications. They are sold with Vaisala weather stations and without; however, when used as part of the RWS200, each sensor gains both accuracy and serviceability through communication between the station and the sensors, and even using data from other Vaisala sensors to validate the measurements.

Flexible Design Don't need a full road weather station, but might consider one in the future? RWS200 allows for flexible deployment so you are only investing in what you need now to make the right decisions. RWS200 is an investment that needs to last many years; as your needs change, so can your road weather station.

Addition of Metadata Visible on the on-board software and through the transfer of data, metadata provides information on what type of sensor is collecting the data and maintenance information for faster service. Knowing specifically where the data is coming from (height, lane, etc.) increases your accuracy in decision making.

Quicker and Easier Installation RWS200 has simplified and provided installation guides to ensure it is installed correctly. Vaisala is an experienced road weather provider and one thing that we have learned over the years is many of the challenges and problems with road weather stations stem from poor installations. A better installation by the installer means less hassle for you.



Vaisala RoadDSS® Software Suite

Making decisions about the weather is an important part of your job, and knowing exactly what is going on with the roadway, now and in the future, is key. Vaisala RoadDSS is a suite of software solutions, offered in the Vaisala Cloud, giving you a resilient method of display and storage, ensuring access to your information anytime, anywhere. RoadDSS Software Suite is tiered to meet the needs of your organization.



Managing Reporting RoadDSS Manager has a detailed system of managing your reporting and weather events. By logging the events it allows the decision-maker to focus on making decisions and not recording what happened.

Build Experience RoadDSS Navigator and Manager have the ability to offer a performance index, which allows you to track the performance of the crews, regardless of the size of the event. Performances are based on grip/friction readings from Vaisala DSC211 Condition Sensors and relative to a storm severity index.

Road Weather Forecasting RoadDSS Software has the ability to offer pavement temperature and weather forecast information directly through the software provided by Vaisala or your chosen forecast provider. This allows you to view predicted, alongside historical, information in a single view. Pavement forecasts are critical because they aid in planning for approaching events or timing of freezing temperatures.

Improve Experience Today there is little time for new decision-makers to improve their skills. Decisions must be made quickly and accurately to ensure the road network is flowing. RoadDSS Manager offers treatment and maintenance strategies, and is configured to manage your maintenance practices and provide extra support during critical decision moments.



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www.vaisala.com/irwis

Solve Your Road Weather Challenges

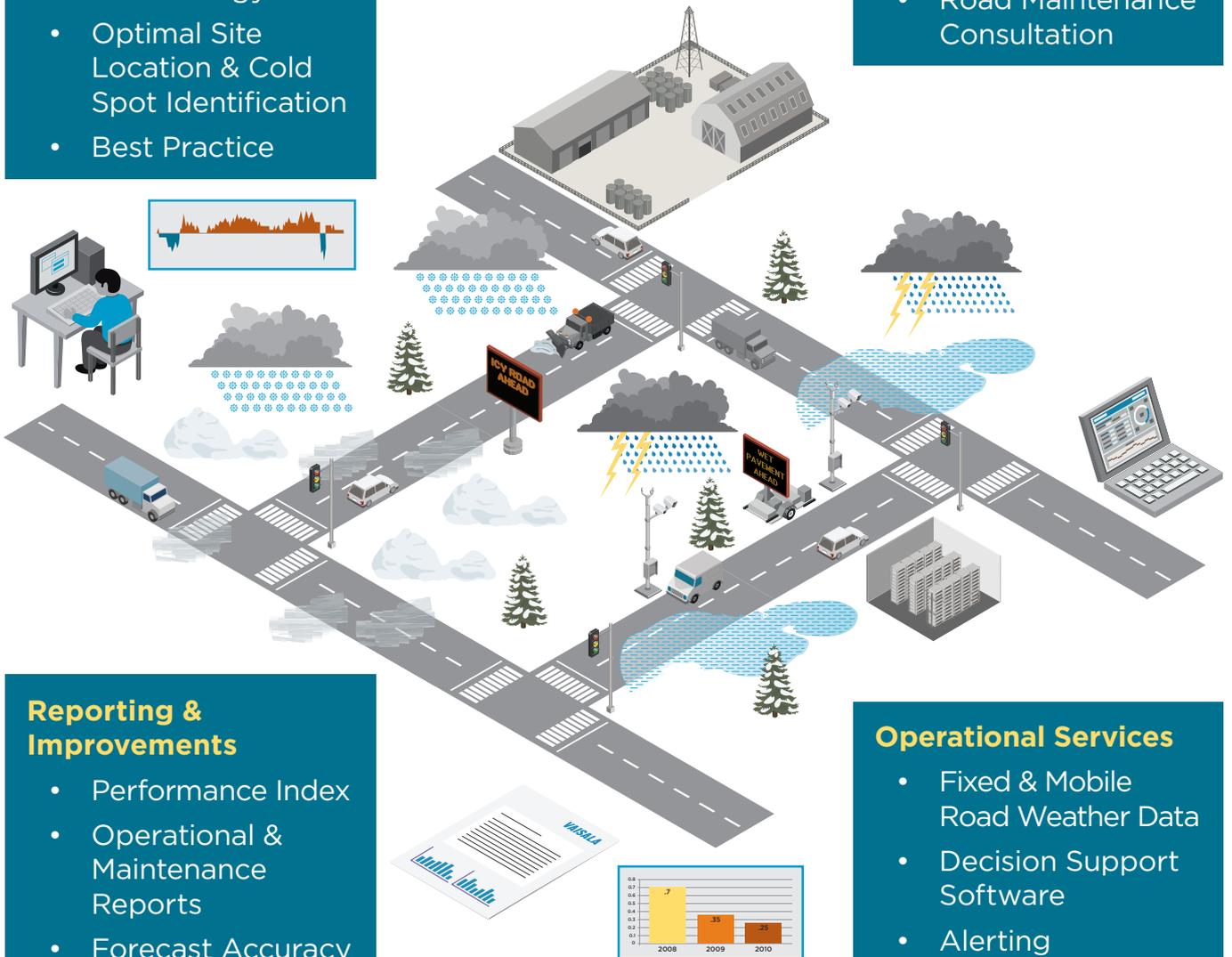
Everything you need for road weather is part of iRWIS – more than a product, a best practice philosophy.

Consultation

- Road Weather Meteorology
- Optimal Site Location & Cold Spot Identification
- Best Practice

Optimize Your Network

- Route Optimization
- Road Maintenance Consultation

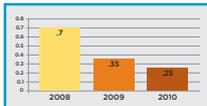


Reporting & Improvements

- Performance Index
- Operational & Maintenance Reports
- Forecast Accuracy Reports

Operational Services

- Fixed & Mobile Road Weather Data
- Decision Support Software
- Alerting
- Roadside ITS



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